

Title (en)

HEAT EXCHANGER ELEMENT, HEAT EXCHANGER MODULE AND HEAT EXCHANGER SYSTEM

Title (de)

WÄRMETAUSCHERELEMENT, WÄRMETAUSCHERMODUL UND WÄRMETAUSCHERSYSTEM

Title (fr)

ÉLÉMENT ÉCHANGEUR DE CHALEUR, MODULE ÉCHANGEUR DE CHALEUR ET SYSTÈME ÉCHANGEUR DE CHALEUR

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Application

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Abstract (en)

[origin: WO2019201720A1] The invention relates to a heat exchanger element (1) particularly for inserting into a wastewater pipeline extending in a longitudinal direction (LR), comprising a heat exchanger chamber (2) for receiving a heat exchanger fluid, which has an upper shell section (30) and a lower shell section (54) at a distance therefrom, wherein an outer side of the upper shell section (30) is designed so as to come into contact with wastewater, at least in sections, in order to absorb heat from the wastewater, and wherein an inner side of the upper shell section (30) is designed to come into contact with the heat exchanger fluid, at least in sections, in order to emit the heat to the heat exchanger fluid, and wherein an intake (12) of the heat exchanger chamber (2) can be fluidically connected selectively to an outlet (26) of a feed pipe section (28) or an outflow (14) of the heat exchanger chamber (2) of another heat exchanger element (1), and wherein an outflow (14) of the heat exchanger chamber (2) can be fluidically connected selectively to an inlet (22) of a return pipe section (24) or an intake (12) of the heat exchanger chamber (2) of another heat exchanger element (1).

IPC 8 full level

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